

IN THE SPECIFICATION

Please substitute the following paragraphs for the like numbered paragraphs in the specification (Marked-up copies showing the changes made are appended at the back of this response.):

[0030] One respective temperature sensor is arranged upstream 38a and downstream 38b of each radiator 22 if hydraulic balancing between the individual heating sections 32-36 needs to be achieved. Temperature sensors 38a, 38b are only provided for the series-connected radiators 22 in the partial section 12c, and in this case in the third heating section 36, upstream of the first radiator 22 and downstream of the last radiator 22 of this heating section 36. Naturally, only one temperature sensor 38 in the flow conduit and the return conduit of a partial section 12a-12c would also suffice to provide hydraulic balancing between the individual partial sections 12a-12c.

[0031] The temperature sensors 38a, 38b cooperate with a control unit 40 and deliver the corresponding flow and return temperatures of the heating sections 32-36 or 12a-12c, respectively.

[0037] In addition to the temperature regulator 46, another regulator 48 is also provided for hydraulic balancing on the floors 8a-8c and in the circuit 74-78 described further below, as well as between the floors 8a and 8c. In this case, each temperature sensor of a flow conduit 38a and a return conduit 38b is assigned to a device 52 that determines the temperature difference between the heat transfer medium upstream and downstream of the radiator 22 or upstream and downstream of the consuming device based on the temperatures delivered by the temperature sensors 38. This temperature difference corresponds to an actual differential temperature $T_{\text{ist diff.}}$.

On page 13, line 7, change this to read as follows:

38a, 38b Temperature sensors